## Notice of References Cited Application/Control No. 09/786,642 Examiner Michael N. Opsasnick Applicant(s)/Patent Under Reexamination KAWAHARA ET AL. Art Unit Page 1 of 5

### **U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	Α	US-5,054,072	10-1991	McAulay et al.	704/207
	В	US-4,885,790	12-1989	McAulay et al.	704/265
	С	US-5,696,874	12-1997	Taguchi, Tetsu	704/219
	D	US-5,570,305	10-1996	Fattouche et al.	708/203
	E	US-5,812,737	09-1998	Wang, Avery	704/207
	F	US-6,098,036 A	08-2000	Zinser et al.	704/219
	G	US-6,204,735 B1	03-2001	Cairns, John P.	332/119
	Н	US-6,138,092 A	10-2000	Zinser et al.	704/223
	1	US-6,067,511 A	05-2000	Grabb et al.	704/223
	J	US-6,119,082 A	09-2000	Zinser et al.	704/223
-	К	US-6,081,776 A	06-2000	Grabb et al.	704/219
	L	US-6,185,309 B1	02-2001	Attias, Hagai	381/94.1
	М	US-6,078,880 A	06-2000	Zinser et al.	704/208

#### FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	Ν					
	0					
	Р					
	Q					
	R					
	s					
	Т					

### **NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)					
	U	Jones et al, "Instantaneous frequency, instantaneous bandwidth and the analysis of multicomponent signals", ICASSP-90, april 3-6, 1990, pp 2467-2470, vol. 5					
	٧	Arnold et al, "Filtering real signals through frequency modulation and peak detection in the time-frequency plane", ICASSP 1994, Volume iii April 19-22, 1994, pp 345 - 348					
	w	Yang et al, "Application of instantaneous frequency estimation for fundamental frequency detection", IEEEE-SP October 25-28, 199; pp616-619					
	х	Abe et al, "Harmonics tracking and pitch extraction based on instantaneous frequency", ICASSP-1995, May 9-12, 1995; pp 756-759					

# Notice of References Cited Application/Control No. 09/786,642 Examiner Michael N. Opsasnick Applicant(s)/Patent Under Reexamination KAWAHARA ET AL. Page 2 of 5

### **U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	Α	US-			
	В	US-			
	С	US-			
	D	US-			
	Е	US-			
	F	US-			
	G	US-			
	Н	US-			
	1	US-			
	J	US-			
	κ	US-			
	٦	US-			
	М	US-			

#### FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	0					
	Р					
	Q					
	R					
	S					
	Т					

### **NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Potamianos et al, "Speech formant frequency and bandwidth tracking using multiband energy demodulation", ICASSP-95, May 9-12, 1995, vol. 1, pp 784-787.
	٧	Angeby, "Structure Autoregressive instantaneous phase and frequency estimation", ICASSP 1995, vol. 3, May 9-12, 1995, pp 1768-1771
- 0	w	Amin, "Interference mitigation in spread spectrum communication systems using time-frequency distributions", IEEE Transactions on Acoustics, Speech, and Signal Processing; vol. 45, Jan 1 1997; pp 90 - 101.
	х	Dandapat et al, "Midprediction error filtering approach to the detection of glottal closing instants", Proceedings of the 18th Annual Conference of the IEEE; vol. 4 October 3, 1996; pp 1528-1529

## Notice of References Cited Application/Control No. 09/786,642 Examiner Michael N. Opsasnick Applicant(s)/Patent Under Reexamination KAWAHARA ET AL. Page 3 of 5

#### **U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	Α	US-			
	В	US-			
	С	US-			
	D	US-			
	Е	US-			
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### FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
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	Р					
	α					
	R					
	ø					
	Т					

### **NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Boashash et al, "Instantaneous frequency estimation and automatic time-varying filtering", ICASSP 1990, April 3-6 1990; pp 1221-1224.
	٧	Riba-Sagarra et al, "Recursive Bayes risk parameter estimation from the cyclic autocorrelation matrix", ICASSP-1994; Volume iv, April 19-22 1994; pp 409-412
	w	Grbic et al, "Blind signal separation using overcomplete subband representation", IEEE Transactions on Speech and Audio Processing, Vol. 9 issue 5, July 2001 pp 423-533.
	х	Arnold, "Spectral Estimation for transient waveforms", IEEE Transactions on Audio and Electroacoustics, vol. 18, issue 3, Sept. 1970; pp. 248-257.

### Notice of References Cited Application/Control No. 09/786,642 Examiner Michael N. Opsasnick Applicant(s)/Patent Under Reexamination KAWAHARA ET AL. Page 4 of 5

### U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	Α	US-			
	В	US-			
	С	US-			
	D	US-			
	Е	US-			
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	М	US-			

### FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	0					
	Р					
	Q					
	R					
	s					
	Т					

### **NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)					
	υ	Martens et al, "An auditory model based on the analysis of envelope patterns", ICASSP 1990, April 3-6, 1990; pp 401-404.					
	v	Varho et al, "A linear predictive method using extrapolated samples for modelling of voiced speech", IEEE ASSP Workshop, Oct. 19-22 1997;pp1-4					
	w	Capdevielle et al, "Blind separation of wide-band sources in the frequency domain", ICASSP 1995, Vol. 3 May 9-12 1005; pp 2080-2083					
	х	Youn et al, "Short-time Fourier transform using a bank of low-pass filters", IEEE Transactions on Acoustics, Speech, and Signal Processing; vol. 33 feb 1985; pp 182-185					